

“Impossible n’est pas français”, uncompromising visibility over 100 Gbit/s networks.



[NANO Corp.](#) startup developing a breakthrough technology improving Cloud Service Providers and Telecom Operators Data Centers' visibility and monitoring capacities, announces a \$1.6M Seed Round investment, led by Elaia Partners and joined by Cartisa, NANO Corp.'s first business angel.

Today's Hyperscale network reality is having to rely on machines replicating machines with limited human supervision. This leads to significant loss of network understanding and worsening time to incident response. NANO Corp. sheds light on core to edge network traffic, handing back supervision capacities to network operators.

Discrepancy in visibility

As their clients are asking for more and more Technological developments in network infrastructures have led to an increase in throughput in excess of the monitoring and traffic management capabilities currently implemented.

This regularly leads to numerous security breaches and loss of network efficiency in an environment where speed and volume of data traditionally make them nearly impossible to mitigate for NANO Corp.'s competition. Capacity outage are costing more and more, with over half who had experienced an outage saying it cost more than \$100,000 and some over a \$100 million*.

Leading global test and assurance solutions provider, Spirent Communications, evaluated performance of the NANO CORP Protocol Analysis System. *“We conducted multiple tests to evaluate and conduct stress performance across L2 to L7 with 100Gbit/s connectivity,”* said Spirent's South EMEA Sales Director, Bruno Denjean. *“The aim was to validate that the performance adhered to the strict criteria of no dropped packets, transaction errors or protocol detection errors, and the NANO CORP system performed with distinction.”*

Deeper, Faster, Leaner

NANO Corp.'s patented protocol analysis engine was designed around a three-fold axis underlined by its motto: "Deeper, Faster, Leaner". It can handle Open System Interaction models (OSI) layers from 2 to 7, tunnelling sessions and proxies as well as over-IP telecommunication protocols (5G-enabled). The engine is by design capable of continuously analysing data flows exceeding 100Gbit/s. Thanks to those breakthroughs NANO Corp.'s engine is the only one on the market independent of OS and hardware, making it easily integratable in existing environments.

By leveraging its patented technology, NANO Corp.'s engine has already harnessed sustainable scalability (paving the way for network infrastructure monitoring reaching 200Gbit/s, 400Gbit/s, and beyond).

Marc Rougier, partner at Elaia, adds: *"The technology developed by the Nano Corp.'s team of experts is simply stunning. It has the potential to become a key element of network performance and security in today's fast accelerating Cloud Infrastructure world"*

A \$200Bn market

The Data Centers for the Cloud Service Provider's and Telco's market is forecasted over \$200 billion in 2025**. To maintain profitability, data centers rely heavily on virtualisation, the software defined everything, from virtual networks to virtual machines, to containers. However, lack of network visibility in such demanding environments has already created problems and is slowing their growth as well as impacting their clients, and therefore their margins.

NANO Corp. provides such industries with various tools such as an intelligent network recorder working at depths and speeds never reached before, as well as a network visibility dashboard and alerting system.

About NANO Corp.

NANO Corp. is a deep tech start-up distinguishing itself by having a new take on protocol analysis for hyperscale network infrastructure.

Led by a team of experienced NetOps, DevOps and SecOps experts, the company is now looking for additional resources. Following this fundraise, NANO Corp. is now eagerly looking to muscle-up its IT as well as its Sales Marketing departments to support their expansion.

[*https://uptimeinstitute.com/uptime_assets/25ff186d278b32c202fc782e60a0d473bd72bfbc6d4d65afedfa15dd406c7656-annual-outage-analysis-2021.pdf](https://uptimeinstitute.com/uptime_assets/25ff186d278b32c202fc782e60a0d473bd72bfbc6d4d65afedfa15dd406c7656-annual-outage-analysis-2021.pdf)

[**https://www.gartner.com/en/newsroom/press-releases/2020-10-07-gartner-says-worldwide-data-center-infrastructure-spending-to-grow-6-percent-in-2021](https://www.gartner.com/en/newsroom/press-releases/2020-10-07-gartner-says-worldwide-data-center-infrastructure-spending-to-grow-6-percent-in-2021)